

CLAIMS:

1. A method of binding a sheet of paper which includes the steps of:

feeding an end of a sheet of paper to be bound into a partially folded elongate binding strip which defines a longitudinal axis and has two portions angularly disposed to each other, the end of the sheet of paper being fed in a feed direction that is parallel to the longitudinal axis of the binding strip into a region between the two portions; and

mating the end of the sheet of paper and the binding strip, with the end of the sheet of paper located in the region between the two portions.

2. A method as claimed in claim 1, which includes the step of securing the end of the sheet of paper between the two portions, by a reciprocating operation.

3. A method as claimed in claim 2, which includes the steps of folding and crimping the binding strip.

4. A method as claimed in claim 1, which includes the prior step of locating the end of the sheet of paper at an edge of the binding strip between the two portions to facilitate feeding thereof into the binding strip.

5. A method as claimed in claim 1, which includes the prior step of forming the binding strip.

6. A method as claimed in claim 5, which includes the steps of:
providing a length of metal workpiece;
folding the length of metal workpiece about a fold line parallel to a longitudinal axis thereof to form the two portions to be angularly disposed to each other about the fold line.
7. A method as claimed in claim 1, which includes the further step of binding an opposed end of the sheet of paper, the opposed end being parallel to the bound end.
8. A method as claimed in claim 7, which includes, after the first end of the sheet of paper has been secured to a first binding strip, the steps of displacing the sheet of paper and the first binding strip secured thereto, in a direction parallel to the feed direction, and binding the opposed end of the sheet of paper with a second binding strip.
9. A method as claimed in claim 7, which includes causing the sheet of paper to curve.
10. A method as claimed in claim 7, which includes moving the sheet of paper transversely to the feed direction.
11. A method as claimed in claim 7, which includes securing the opposed end

of the sheet of paper in the second binding strip by a reciprocating operation.

12. An apparatus for binding a sheet of paper, which includes:

a feed means for feeding an end of the sheet of paper to be bound into a partially folded binding strip which defines a longitudinal axis, the folded binding strip having two portions angularly disposed to each other about a fold line, in a direction parallel to the longitudinal axis of the binding strip; and

a reciprocating securing means for securing the binding strip to the end of the sheet of paper.

13. An apparatus as claimed in claim 12, in which the securing means folds or crimps the binding strip.

14. An apparatus as claimed in claim 12, which includes a supply means for supplying the binding strips.

15. An apparatus as claimed in claim 12, which includes forming equipment for forming the binding strips from a supply of metal.

16. An apparatus as claimed in claim 12, which further includes a displacement means for displacing the sheet of paper after the binding strip has been bound thereto, in a direction parallel to the feeding direction.

17. An apparatus as claimed in claim 12, which includes guide means for keeping the sheet of paper in alignment during the binding process.

18. An apparatus as claimed in claim 12, which includes a second feed means for feeding an opposed end of the sheet of paper into a further binding strip.

19. An apparatus as claimed in claim 18, which includes a shortening accommodating means for accommodating shortening of the sheet of paper when binding the opposed end thereof.

20. An apparatus as claimed in claim 19, in which the shortening accommodating means provides a curve in the sheet of paper.

21. An apparatus as claimed in claims 19, in which the shortening accommodating means comprises a shifting arrangement for moving the sheet of paper transversely to the feed direction.

22. An apparatus as claimed in claim 21, which further includes a second displacement means for displacing the sheet of paper after the opposed end thereof has been bound.

23. An apparatus as claimed in claim 22, in which the second displacement means includes an ejection mechanism.

24. An apparatus as claimed in claim 23, for binding a sheet of paper which is a calendar.